DENON®

DENON AVR-A10H

AVR-A10H 13.4-Ch 150W 8K AV Receiver with HEOS® Built-in

The Denon A-Series line stands for the very best that Denon has to offer. Built on more than 110 years of industry-leading innovation, products with the A-Series designation represent the pinnacle of quality.

HIGHLIGHTS	YOUR BENEFITS
Robust 13.4-channel amplifier	The AVR-A10H's 13-channel monolithic amplifier delivers 150 watts per channel. As is typical in high-end amplifier designs, each channel is built on its own PCB to minimize crosstalk and distortion.
State-of-the-art home theater	All seven HDMI inputs support the highest resolution and fastest frame rates available. The AVR-A10H can pass-through signals up to 8K/60Hz or 4K/120Hz frame rates in gaming scenarios.
Immersive 3D sound	13.4-channel processing powers systems up to 7.4.6 or 9.4.4 speaker configurations with support for Dolby Atmos, DTS:X Pro, IMAX Enhanced, AURO-3D, and more.
Next-generation gaming compatibility	With the latest HDMI specification, each HDMI port supports 4K/120Hz which means your video frame rate increases so you can always see who is coming around the corner.
Hi-fi quality, inside and out	Nine audiophile-grade 2-channel DACs maximize resolution for all 17 channels. Premium gold-plated speaker terminals and a rigid, three-layer chassis protect against vibration and interference, significantly reducing noise.
HEOS Built-in	Stream music wirelessly from a variety of free and premium streaming services. Share content to HEOS-enabled devices, like Denon Home speakers, in other rooms.
Audyssey room correction	Audyssey room correction optimizes your system's sound for any space. Upgrade to the Audyssey MultEQ editor app or MultEQ-X PC software (fee required) for advanced control.
Dirac Live upgradability for acoustic optimization	Dirac Live® Room Correction applies state-of-the-art, patented algorithms to digitally analyze and minimize room impact and optimize speaker performance.
Engineered and built in Japan	Designed and manufactured in Denon's Shirakawa factory in Japan, the AVR-A10H was tuned by the Denon Sound Master to provide the truest sonic reproduction.

SINCE 1910 | DEFINING AUDIO EXCELLENCE

Dolby ATMOS   dts X   IMAX ENHANCED   Auro3D   AUDYSSEY MULTEQ XT32   DIRAC   Works with Apple AirPlay   HEOS BUILT-IN   360 REALITY AUDIO   HDMI   8K UHD HDR / HDCP 2.3   HDR10+   Hi-Res AUDIO   MPEG-H AUDIO   Bluetooth®

Dolby Atmos®
Unleash a fully immersive 3D audio experience from Dolby Atmos content starting from a 5.1.2 speaker setup. Dolby Surround upmixer engages all speakers to create 3D audio sensation from legacy content. Dolby Atmos Height Virtualization Technology creates the sensation of overhead sound even without a 5.1.2 system.

You can also enjoy Dolby Atmos music tracks available from Apple Music, Amazon HD, and TIDAL through a compatible streaming device.

DTS:X
DTS:X immersive audio content places sound where it would naturally occur in space, creating life-like, multi-dimensional audio. DTS Neural:X upmixer offers improved immersion and heightened realism for legacy content. DTS Virtual:X provides immersive audio without height channels.

IMAX Enhanced
IMAX Enhanced is the latest technology from DTS that sets a new standard. See clearer and brighter picture, feel immersive lifelike audio, and experience premium content digitally remastered by IMAX.

Auro 3D
Auro 3D elevates the home theater experience to amazing new levels by delivering the excitement of 3D sound for music, games, broadcast, and films, thanks to the Auro-Matic upmixing engine.

360 Reality Audio
360 Reality Audio is a new immersive music experience that uses Sony's 360 Spatial Sound technology to place individual sounds such as voices and instruments in a 360 degree spherical sound field.

High-resolution audio support
Discover the incredible fidelity of high-resolution audio tracks and enjoy music as the artist intended. A front USB port supports up to 24bit/192kHz hi-res audio playback from a USB drive. Supported audio formats are MP3, WMA, WAV, MPEG- 4/AAC, FLAC, and ALAC.

AirPlay 2 and Apple Siri Voice Control
Stream audio from your favorite music services like Apple Music and Spotify or watch videos from services like YouTube and Netflix from any iPhone, iPad, Mac or Apple TV. Hear audio perfectly synced to your speakers from AirPlay 2 sources. AirPlay 2 also supports multiroom audio—wirelessly stream content to multiple AirPlay 2 compatible devices simultaneously with improved audio buffering to ensure smooth audio playback. AirPlay 2 provides control and grouping of compatible audio devices within the Apple Music or Home app. Use AirPlay 2 in-app or with your voice via Siri.

High-resolution audio
Discover the incredible fidelity of high-resolution audio tracks and enjoy music as the artist intended. A front USB port supports up to 24bit/192kHz hi-res audio playback from a USB drive. Supported audio formats are MP3, WMA, WAV, MPEG- 4/AAC, FLAC, and ALAC.

HDMI Connectivity with ARC/eARC
Supports the latest technology on all HDMI inputs and output. ARC (Audio Return Channel) or eARC (Enhanced Audio Return Channel) makes playing TV audio through your AV receiver simple, with a single HDMI connection.

eARC provides HD and 3D audio transmissions such as Dolby TrueHD, DTS HD Master Audio, and Dolby Atmos while ARC is limited to conventional 5.1ch audio formats or PCM.

8K/HDCP 2.3
Enjoy pristine 8K picture quality on your 8K TV or projector. Supports both 8K pass-through and 8K upscaling of 4K content. Supports HDCP 2.3, the latest copy protection standard, for peace of mind when streaming copy-protected content.

Brilliant color from HDR 10+
Supports HDR (High Dynamic Range), HLG (Hybrid Log Gamma), as well as Dynamic HDR and HDR10+ pass-through. HLG offers HDR technology over broadcast content. Both Dynamic HDR and HDR10+ use dynamic metadata to optimize shadows and highlights as screens change.

Dolby Vision
Dolby Vision is a stunning HDR imaging technology that brings extraordinary color, contrast, and brightness to the screen. Compatible with Dolby Vision so you can enjoy Dolby Vision content from a compatible source device and TV.

Next-generation gaming
Supports Variable Refresh Rate (VRR), Quick Frame Transport (QFT), and Auto Low Latency Mode (ALLM) for smooth, lag-free gaming experience when connected with compatible gaming devices.

HEOS® Built-in
With HEOS Built-in, your AV receiver can stream music wirelessly across compatible HEOS components from a variety of free and premium streaming services. Consumers can also enjoy their favorite music in any room of the home wirelessly. Play the same song in every room or select a different song for each connected room via a variety of streaming sources. Add Denon Home speakers to more rooms and control it all with the HEOS app.

Denon Setup Assistant
Award-winning guided Denon Setup Assistant provides simple, clear instructions to get started. Just connect your AV receiver to your TV and follow the instructions on the TV screen to connect your speakers, perform speaker measurements, and connect source devices. For additional convenience, the AV receiver renames HDMI inputs automatically when connected, or you can rename manually at your convenience.

Audyssey MultEQ XT32
Advanced frequency response correction and filtering provide a more balanced soundstage. Improved microphone technology offers a more accurate experience tailored to your unique acoustic environment.

Dirac Live Upgradability
The interaction between your sound system and the physical layout of your room has a huge impact on sound quality. Dirac Live® Room Correction applies state-of-the-art, patented algorithms to analyze and digitally reduce room impact and enhance speaker performance.

Pre-Amplifier Mode
Pre-Amplifier Mode lets your Denon act as an AV preamp with the latest HDMI connectivity, providing a cleaner signal path and more tolerance in clipping level by disconnecting internal amplifiers.

Technical Information	
Number of Power Amps	13
Power Output	150 watts per channel (8 ohm, 20Hz - 20kHz, 0.05% 2ch Drive)
	190 watts per channel (6 ohm, 1kHz, 0.7% 2ch Drive)
	260 watts per channel (6 ohm, 1kHz, 10% 1ch Drive)
Other	
Auto Speaker Setup by Microphone	Audyssey MultEQ XT32
Front Display	2 Lines FLD
GUI Languages	9

General	
System Remote Control	RC-1261
Power Consumption in W	900W
Power Consumption No-Sound (ECO on/off) in W	70W/125W
Standby Consumption in W	0.1W
CEC Standby Consumption in W	0.5W
Network Standby Consumption in W	Less than 2.0W
Maximum Dimensions	
Antenna, Horizontal: (W × D × H) in inches	17.1 × 19 × 7.7
Antenna, Vertical: (W × D × H) in inches	17.1 × 19 × 10.2
w/o Antenna: (W × D × H) in inches	17.1 × 18.6 × 7.7
Weight in lbs	52 lbs
Weight in lbs (Packaging)	61 lbs

Inputs/Outputs	
Video	
HDMI In/Out	7/3
Audio	
Analog In/Out	6 + 1 / 0
Phono (MM) In	Yes
Digital In: Optical / Coaxial	2 / 2
Multi-Room Out: Analog / Digital	2 / 0
Multichannel Pre-Out	Yes (15.4)
Subwoofer Out	4 (independent)
Other	
Number of Speaker Terminals	15
Speaker A/B	Assignable
Bi-Amp Drive	Assignable
Multi-Room Speaker Terminal	Assignable